

Amendments to the Claims

1. (original) An automated banking machine apparatus comprising:

a housing;

a user interface in supporting connection with the housing, the user interface including at least one input device and at least one output device, wherein the at least one input device includes a card reader having an associated card reader slot adapted to accept cards input by users of the apparatus;

at least one radiation emitting device positioned adjacent the slot;

at least one radiation sensing device adjacent the slot such that positioning an unauthorized card reading device adjacent the slot causes a change in at least one property of radiation from the at least one radiation emitting device that is sensed by the at least one radiation sensing device;

at least one controller in the housing, wherein the at least one controller is in operative connection with the at least one radiation sensing device and is operative to generate at least one signal responsive to the change, whereby installation of an unauthorized card reading device adjacent the slot is indicated.

2. (original) The apparatus according to claim 1 and further comprising a currency dispensing device in supporting connection with the housing.

3. (original) The apparatus according to claim 2 wherein the at least one radiation emitting device is operative to emit visible light.

4. (currently amended) The apparatus according to claim 2 ~~3~~ wherein the controller is operative to cause the apparatus to carry out a currency dispensing transaction, and wherein the controller is operative to cause the at least one radiation emitting device to initiate emitting radiation during at least one of a transaction step when a user card is to be inserted in the slot and a further transaction step when a user card is to be taken from the slot.

5. (previously presented) The apparatus according to claim 4 and further comprising at least one data store, wherein the controller is operative to cause at least one stored value corresponding to the at least one property of radiation sensed by the at least one radiation sensing device to be stored in the data store.

6. (original) The apparatus according to claim 5 wherein the controller is operative to compare the at least one stored value with at least one current value corresponding to the at least one property of radiation currently sensed by the at least one radiation sensing device.

7. (original) The apparatus according to claim 6 wherein the controller is operative responsive to determining a difference when comparing the at least one stored value to the at least one current value to cause a status message to be sent by the machine to a remote computer.

8. (original) The apparatus according to claim 6 wherein the controller is operative responsive to determining a difference when comparing the at least one stored value to the at least one current value to cause an output message to be output through at least one output device on the user interface.

9. (original) The apparatus according to claim 8 wherein the output message advises of a possible object near the slot.

10. (original) The apparatus according to claim 6 wherein the controller is operative to change the at least one stored value responsive to the at least one current value.

11. (currently amended) The apparatus according to claim 3 6 wherein the at least one radiation emitting device is adapted to surroundingly illuminate the card reader slot.

12. (original) The apparatus according to claim 6 wherein the controller is operative to compare the at least one stored value with the at least one current value at a time when a transaction is not being conducted by a user at the apparatus.

13. (original) The apparatus according to claim 6 wherein the controller is operative to execute fuzzy logic in comparing the at least one current value with the at least one stored value.

14. (original) The apparatus according to claim 1 and further comprising a housing member bounding at least one side of the card reader slot, and wherein the at least one radiation emitting device and the at least one radiation sensing device are mounted in supporting connection with the housing member.

15. (original) The apparatus according to claim 14 wherein the housing member extends in surrounding relation of the card reader slot.

16. (currently amended) An automated banking machine apparatus comprising:

a housing;

a user interface in supporting connection with the housing,

wherein the user interface includes ~~including~~ at least one input device and at least one output device,

wherein the at least one input device includes a card reader having an associated card reader slot adapted to accept cards input by

users of the machine;

at least one radiation emitting device;

at least one sensing device ~~positioned adjacent the card reader slot,~~

wherein the at least one sensing device is adapted to sense an unauthorized
card reading device positioned adjacent the card reader slot;

at least one controller in the housing and in operative connection with the at least
one radiation emitting device and the at least one sensing device,

wherein the controller is operative to cause prompting of a user to move a
card in the slot,

wherein the at least one controller is operative to selectively cause
operation of the at least one radiation emitting device,

wherein the operation is dependent on the prompting

wherein the at least one controller is operative to cause at least one output
responsive to a sensing of an unauthorized card reading device ;

~~wherein the at least one sensing device is in operative connection with the at least one controller, and wherein the at least one controller is operative to selectively cause the at least one sensing device to operate.~~

17. (original) The apparatus according to claim 16 wherein the at least one sensing device comprises at least one radiation sensing device.

18. (currently amended) The apparatus according to claim 17 ~~and further comprising~~ wherein the at least one sensing device and the at least one radiation emitting device are both positioned adjacent the card reader slot, wherein the at least one radiation sensing device is adapted to sense radiation emitted by the at least one radiation emitting device.

19. (currently amended) An automated banking machine apparatus comprising:

a user interface,

a slot member on the user interface and bounding at least one side of a slot,

at least one sensor device positioned to detect an unauthorized object placed adjacent the user interface,

wherein the at least one sensor device includes at least one radiation emitting device and at least one radiation sensing device mounted in supporting connection with the slot member.

at least one controller,

wherein the at least one controller is operative to selectively control the at least one sensor device.

20. (currently amended) The apparatus according to claim 16 wherein the at least one controller is in operative connection with at least one data store,

and wherein the at least one controller is operative to

cause to be stored in the at least one data store at least one stored value responsive to at least one signal from the at least one sensing device,

to compare the at least one stored value to at least one current value corresponding to at least one signal currently produced by the at least one sensing device, and

to produce the at least one output responsive to a result of the comparison.

21. (currently amended) The apparatus according to claim 16 ~~20~~ wherein the at least one output comprises a status message.

22. (original) The apparatus according to claim 20 wherein the at least one controller is further operative to cause the at least one stored value to be changed responsive to the at least one current value.

23. (previously presented) An automated banking machine apparatus comprising:

a housing,

a user interface in supporting connection with the housing, the user interface including at least one input device and at least one output device, wherein the at least one input device includes a card reader having an associated card reader slot adapted to accept cards input by users of the machine,

at least one sensing device positioned adjacent the card reader slot, wherein the at least one sensing device is adapted to sense an unauthorized card reading device positioned adjacent the card reader slot,

at least one controller in the housing and in operative connection with the at least one sensing device, wherein the at least one controller is operative to execute fuzzy logic in comparing at least one stored value and at least one current value corresponding to at least one signal currently produced by the at least one sensing device, and wherein the at least one controller is operative to produce at least one output responsive to a result of the comparison.

24. (currently amended) The apparatus according to claim 19 ~~and further comprising a slot member on the user interface and bounding at least one side of the card slot, and wherein the at least one radiation emitting device and the at least one radiation sensing device are mounted in supporting connection with the slot member~~ on opposite sides of the slot.

25. (currently amended) The apparatus according to claim 24 wherein the slot comprises a card slot, wherein the slot member extends in generally surrounding relation of the card slot, and the at least one radiation emitting device is operative to visibly illuminate an area surrounding the card slot.

26. (currently amended) A method comprising:

- (a) sensing with at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine, an unauthorized card reader device attached to the user interface,

wherein the sensing includes emitting radiation with at least one emitting device located adjacent the slot;

wherein the sensing includes sensing radiation from the at least one emitting device with at least one radiation sensor device located adjacent the slot and the at least one emitting device;

wherein the sensing device is selectively controlled by at least one controller of the machine;

- (b) responsive to sensing the unauthorized card reader device, providing at least one output from the machine.

27. (original) The method according to claim 26 wherein step (b) comprises sending a status message from the machine.

28. (original) The apparatus according to claim 26 wherein step (b) comprises providing a notice indicating presence of a possible unauthorized reader device to a user of the machine through at least one output device.

29. (currently amended) The method according to claim 26 wherein at least one emitting device and at least one radiation sensor device are arranged on opposite sides of the slot, and wherein step (a) comprises:

~~emitting radiation with at least one emitting device adjacent the card slot;~~

sensing radiation emitted from an opposite side of the ~~at least one emitting device~~
~~with at least one radiation sensor device adjacent the card slot.~~

30. (currently amended) The apparatus according to claim 29 wherein step (a) further comprises:

comparing at least one property of radiation sensed from the at least one ~~sensing~~
sensor device to at least one stored value.

31. (currently amended) The method according to claim 30 and further comprising:

- (c) operating the at least one ~~radiation~~ emitting device when no unauthorized card reader device is sensed;
- (d) sensing radiation emitted in step (c) with at least one radiation sensor ~~sensing~~ device;
- (e) changing the at least one stored value responsive to radiation sensed in step (d).

32. (previously presented) A method comprising:

- (a) operating at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine;
- (b) executing fuzzy logic in comparing at least one property of a sensing with the at least one sensing device to at least one stored value in determining whether an unauthorized card reader device is attached to the user interface; and
- (c) responsive to determining an unauthorized card reader device is attached, providing at least one output from the machine.

33. (currently amended) The method according to claim ~~26~~ 29 wherein the at least one radiation emitting device emits visible light during operation, and further comprising:

- (c) ~~illuminating~~ operating the at least one radiation emitting device when the machine conducts a transaction step in which a card is to be removed from the slot.

34. (currently amended) The method according to claim 33 and prior to step (c) further comprising:

dispensing currency from the machine, and wherein in step (c) the at least one emitting device illuminates the ~~card~~ slot in generally surrounding relation.

35. (previously presented) A method comprising:

- (a) operating at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine in a transaction step in which a card is to be moved in the card reader slot;
- (b) determining an unauthorized card reader device is attached to the user interface responsive to step (a);

- (c) responsive to step (b), capturing a card that has been subject to being read by the unauthorized reading device through operation of the machine.

36. (previously presented) A method comprising:

- (a) operating at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine in a transaction step in which a card is to be moved in the card reader slot;
- (b) determining an unauthorized card reader device is attached to the user interface responsive to step (a);
- (c) responsive to step (b), cancelling an account associated with a card that has been subject to being read by the unauthorized reading device.

37. (previously presented) A method comprising:

- (a) operating at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine in a transaction step in which a card is to be moved in the card reader slot;

- (b) determining an unauthorized card reader device is attached to the user interface responsive to step (a);
- (c) responsive to step (b), monitoring activity on an account associated with a card that has been subject to being read by the unauthorized reading device.

38. (withdrawn) A method comprising:

- (a) sensing with at least one sensing device adjacent to a card reader slot of a user interface of an automated banking machine, an unauthorized object adjacent to the card reader slot, wherein the at least one sensing device is selectively controlled by at least one controller of the machine;
- (b) responsive to the sensing in step (a), providing at least one output from the machine, wherein the at least one output includes requesting at least one user input to the machine corresponding to an appearance of the user interface adjacent to the card reader slot;
- (c) receiving user input with the machine responsive to step (b);

- (d) operating the at least one controller to determine whether the unauthorized object sensed in step (a) is an unauthorized card reader device attached to the user interface responsive to the user input received in step (c); and
- (e) responsive to determining an unauthorized card reader device in step (d), providing at least one other output from the machine.